

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|---|--------------------------------|------------------|---------|---------------------|
| S1 | 1 | "10586606" | US-PGPUB; USPAT | OR | ON | 2009/06/24 14:20 |
| S2 | 28 | kerosene same (sulfur with "1 ppm") | US-PGPUB; USPAT; DERWENT | OR | ON | 2009/06/24 14:21 |
| S3 | 1 | "20020179498" | US-PGPUB; USPAT | OR | ON | 2009/10/12 15:41 |
| S4 | 3 | "2002018517" | DERWENT | OR | ON | 2009/10/12 15:45 |
| S5 | 72 | 208/219.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/12 16:08 |
| S6 | 109 | 208/245.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/12 16:08 |
| S7 | 158 | 208/246.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/12 16:09 |
| S8 | 124 | 208/248.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/12 16:09 |
| S9 | 166 | 208/250.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/12 16:09 |
| S10 | 0 | "200349172" | JPO; DERWENT | OR | ON | 2009/10/13 08:41 |
| S11 | 4 | "2003049172" | JPO; DERWENT | OR | ON | 2009/10/13 08:41 |
| S12 | 13553 | desulfuriz\$5 | US-PGPUB; USPAT | OR | ON | 2009/10/13 08:59 |
| S13 | 53445 | kerosene or (gas adj oil) | US-PGPUB; USPAT | OR | ON | 2009/10/13 08:59 |
| S14 | 54240 | thiophene or benzothiophene or dibenzothiophene | US-PGPUB; USPAT | OR | ON | 2009/10/13 08:59 |
| S15 | 2118 | (solid adj acid adj catalyst) or ((proton adj type) with (faujasite or mordenite or (beta adj zeolite))) | US-PGPUB; USPAT | OR | ON | 2009/10/13 09:01 |
| S16 | 2733 | S15 or (sulfated with (zirconia or alumina or (tin adj oxide) or (iron adj oxide)) or (tungstated with (zirconia or (tin adj oxide)))) | US-PGPUB; USPAT | OR | ON | 2009/10/13 09:02 |

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| S17 | 3532 | adsorb\$3 with sulfur | US-PGPUB; USPAT | OR | ON | 2009/10/13 09:02 |
| S18 | 5182 | adsor\$5 with sulfur | US-PGPUB; USPAT | OR | ON | 2009/10/13 09:02 |
| S19 | 5947 | (silica adj alumina) with ratio | US-PGPUB; USPAT | OR | ON | 2009/10/13 09:03 |
| S20 | 52111 | S16 or (activated adj carbon) | US-PGPUB; USPAT | OR | ON | 2009/10/13 09:03 |
| S21 | 5 | S12 and S13 and S14 and S18 and S19 and S20 | US-PGPUB; USPAT | OR | ON | 2009/10/13 09:03 |
| S22 | 12870 | (solid adj acid adj catalyst) or (faujasite or mordenite or (beta adj zeolite)) | US-PGPUB; USPAT | OR | ON | 2009/10/13 09:10 |
| S23 | 61165 | S22 or (sulfated with (zirconia or alumina or (tin adj oxide) or (iron adj oxide)) or (tungstated with (zirconia or (tin adj oxide)))) or (activated adj carbon) | US-PGPUB; USPAT | OR | ON | 2009/10/13 09:11 |
| S24 | 28 | S12 and S13 and S14 and S18 and S19 and S23 | US-PGPUB; USPAT | OR | ON | 2009/10/13 09:11 |
| S25 | 4 | "2001064214" | JPO; DERWENT | OR | ON | 2009/10/13 09:30 |
| S26 | 15033 | desulfuriz\$5 | EPO; JPO; DERWENT | OR | ON | 2009/10/13 10:25 |
| S27 | 24361 | kerosene or (gas adj oil) | EPO; JPO; DERWENT | OR | ON | 2009/10/13 10:25 |
| S28 | 15970 | thiophene or benzothiophene or dibenzothiophene | EPO; JPO; DERWENT | OR | ON | 2009/10/13 10:25 |
| S29 | 7933 | (solid adj acid adj catalyst) or (faujasite or mordenite or (beta adj zeolite)) | EPO; JPO; DERWENT | OR | ON | 2009/10/13 10:26 |
| S30 | 41120 | S29 or (sulfated with (zirconia or alumina or (tin adj oxide) or (iron adj oxide)) or (tungstated with (zirconia or (tin adj oxide)))) or (activated adj carbon) | EPO; JPO; DERWENT | OR | ON | 2009/10/13 10:26 |
| S31 | 7 | S26 and S27 and S28 and S30 | EPO; JPO; DERWENT | OR | ON | 2009/10/13 10:26 |
| S32 | 13553 | desulfuriz\$5 | US-PGPUB; USPAT | OR | ON | 2009/10/13 12:57 |

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| S33 | 54240 | thiophene or benzothiophene or dibenzothiophene | US-PGPUB; USPAT | OR | ON | 2009/10/13 12:57 |
| S34 | 5182 | adsor\$5 with sulfur | US-PGPUB; USPAT | OR | ON | 2009/10/13 12:57 |
| S35 | 5947 | (silica adj alumina) with ratio | US-PGPUB; USPAT | OR | ON | 2009/10/13 12:57 |
| S36 | 12870 | (solid adj acid adj catalyst) or (faujasite or mordenite or (beta adj zeolite)) | US-PGPUB; USPAT | OR | ON | 2009/10/13 12:57 |
| S37 | 61165 | S36 or (sulfated with (zirconia or alumina or (tin adj oxide) or (iron adj oxide)) or (tungstated with (zirconia or (tin adj oxide)))) or (activated adj carbon) | US-PGPUB; USPAT | OR | ON | 2009/10/13 12:57 |
| S38 | 38 | S32 and S33 and S34 and S35 and S37 | US-PGPUB; USPAT | OR | ON | 2009/10/13 12:57 |
| S39 | 72 | 208/219.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/13 13:02 |
| S40 | 109 | 208/245.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/13 13:02 |
| S41 | 158 | 208/246.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/13 13:02 |
| S42 | 124 | 208/248.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/13 13:02 |
| S43 | 166 | 208/250.ccls. | US-PGPUB; USPAT | OR | ON | 2009/10/13 13:02 |
| S44 | 56 | (S39 or S40 or S41 or S42 or S43) and S37 and S33 | US-PGPUB; USPAT | OR | ON | 2009/10/13 13:02 |
| S45 | 1 | "02132186" | DERWENT | OR | ON | 2009/10/13 14:27 |
| S46 | 2 | (S39 or S40 or S41 or S42 or S43) and S33 and ((activated adj carbon) same ((copper adj oxide) or CuO)) | US-PGPUB; USPAT | OR | ON | 2009/10/13 14:39 |
| S47 | 3 | "10932177" | US-PGPUB; USPAT | OR | ON | 2009/10/13 14:40 |
| S48 | 10 | "208".clas. and S33 and ((activated adj carbon) same ((copper adj oxide) or CuO)) | US-PGPUB; USPAT | OR | ON | 2009/10/13 14:41 |

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| S49 | 11 | "208".clas. and S33 and ((activated adj carbon) same ((copper adj oxide) or CuO or ((transition adj metal) with oxide))) | US-PGPUB; USPAT | OR | ON | 2009/10/13 15:44 |
| S50 | 2 | "2000234093" | JPO; DERWENT | OR | ON | 2009/10/13 16:36 |
| S51 | 2 | "02132186" | JPO; DERWENT | OR | ON | 2009/10/13 16:40 |
| S52 | 8 | "1142636" | EPO; DERWENT | OR | ON | 2009/10/14 11:14 |
| S53 | 1 | (superacid adj catalyst) and (desulfuriz\$5 or (remov\$3 near2 sulfur)) and (\$2sorb\$3 with sulfur) | US-PGPUB; USPAT | OR | ON | 2010/04/13 13:29 |
| S54 | 75 | ((superacid adj catalyst) or (sulfat\$3 near2 (zirconia or alumina or (tin adj oxide) or (iron adj oxide))) or (tungstat\$3 near2 (zirconia or (tin adj oxide)))) and (desulfuriz \$5 or (remov\$3 near2 sulfur)) and (\$2sorb\$3 with sulfur) | US-PGPUB; USPAT | OR | ON | 2010/04/13 13:31 |
| S55 | 92 | ((superacid adj catalyst) or (sulfat\$3 near2 (zirconia or alumina or (tin adj oxide) or (iron adj oxide))) or (tungstat\$3 near2 (zirconia or (tin adj oxide)))) and (desulfuriz \$5 or (remov\$3 near2 sulfur)) and ((absor\$5 or adsor\$5) with sulfur) | US-PGPUB; USPAT | OR | ON | 2010/04/13 13:46 |
| S56 | 24 | S55 not S54 | US-PGPUB; USPAT | OR | ON | 2010/04/13 13:47 |
| S57 | 14 | "5935422" | US-PGPUB; USPAT | OR | ON | 2010/06/23 16:21 |
| S58 | 3 | "2003020850" | DERWENT | OR | ON | 2010/06/23 16:22 |
| S59 | 197 | (super\$6 or (super adj strong)) adj acid adj catalyst | US-PGPUB; USPAT | OR | ON | 2011/01/26 10:29 |
| S60 | 19 | S59 and (desulfuriz\$5 or ((remov\$3 or lower\$3 or adsorb\$3) with sulfur)) | US-PGPUB; USPAT | OR | ON | 2011/01/26 10:29 |
| S61 | 312 | ((((superstrong or (super adj strong)) adj acid) or superacid) adj catalyst | US-PGPUB; USPAT | OR | ON | 2011/01/26 10:31 |

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| S62 | 44 | S61 and (desulfuriz\$5 or ((remov\$3 or lower\$3 or adsorb\$3) with sulfur)) | US-PGPUB; USPAT | OR | ON | 2011/01/26 10:31 |
| S63 | 163 | ((((superstrong or (super adj strong)) adj acid) or superacid) adj catalyst | EPO; JPO; DERWENT | OR | ON | 2011/01/26 10:48 |
| S64 | 4 | S63 and (desulfuriz\$5 or ((remov\$3 or lower\$3 or adsorb\$3) with sulfur)) | EPO; JPO; DERWENT | OR | ON | 2011/01/26 10:48 |
| S65 | 227 | (sulfated adj (zirconia or alumina or (tin adj oxide) or (iron adj oxide))) or (tungstated adj (zirconia or (tin adj oxide))) | EPO; JPO; DERWENT | OR | ON | 2011/01/26 10:50 |
| S66 | 14 | S65 and (desulfuriz\$5 or ((remov\$3 or lower\$3 or adsorb\$3) with sulfur)) | EPO; JPO; DERWENT | OR | ON | 2011/01/26 10:50 |
| S67 | 804 | (sulfated adj (zirconia or alumina or (tin adj oxide) or (iron adj oxide))) or (tungstated adj (zirconia or (tin adj oxide))) | US-PGPUB; USPAT | OR | ON | 2011/01/26 10:51 |
| S68 | 127 | S67 and (desulfuriz\$5 or ((remov\$3 or lower\$3 or adsorb\$3) with sulfur)) | US-PGPUB; USPAT | OR | ON | 2011/01/26 10:51 |
| S69 | 20 | S67 and (adsorb\$3 with sulfur) | US-PGPUB; USPAT | OR | ON | 2011/01/26 10:51 |

EAST Search History (Interference)

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